1   1.   A method of adapting a rate of processing activity in response to changing

2   network conditions, the method comprising the steps of:

3   processing graphical data by a server agent at a first rate, the processed

4   graphical data being addressed to a client agent via a network coupled to the client and

5   server agent;

6   determining the network conditions of the network; and

7   adjusting, by the server agent, the rate of processing activity of the server agent

8   from the first rate to a second rate in response to a change in the network conditions.

1   2.   The method of claim 1 further comprising the steps of:

2   transmitting the processed graphical data to the client agent;

3   measuring, by the client agent, a time differential associated with transmitting

4   the processed graphical data, the time differential corresponding to the change in the

5   network conditions; and

6   selecting the second rate in accordance with the time differential.

1   3.   The method of claim 1 further comprising the steps of:

2   processing the graphical data at the first rate in accordance with a first encoding

3   scheme;

4   selecting a second encoding scheme in response to the change in the network

5   conditions; and

6   processing subsequent graphical data in accordance with the second encoding

7   scheme.

1   4.   A method of adapting a processing activity operating on graphical data in

2   response to changing network conditions, the method comprising the steps of:

3   processing graphical data by a server agent using a first encoding technique, the

4   processed graphical data being addressed to a client agent via a network coupled to the

5   client and server agent;

6   determining the network conditions of the network;

7   selecting, by the server agent, a second encoding technique in response to a

8   change in the network conditions; and

9   processing subsequent graphical data by the server agent using the second

10   encoding technique.

1   5.   The method of claim 4 further comprising the steps of:

2   transmitting the processed graphical data to the client agent;

3   measuring, by the client agent, a time differential associated with transmitting

4   the processed graphical data, the time differential corresponding to the change in the

5   network conditions; and

6   selecting the second encoding technique in accordance with the time differential.

1 6.   A method of adapting a processing rate of a server in response to a performance

2 mismatch between the server and a client coupled to the server via a network, the method

3 comprising the steps of:

4   processing graphical data by a server agent;

5   determining a first time period associated with processing the graphical data at

6 the server agent;

7   processing the graphical data by a client agent;

8   determining a second time period associated with processing the graphical data

9 at the client agent;

10   determining the time differential between the first and second time periods; and

11   adjusting, by the server agent, the processing rate of the server in accordance

12 with the time differential.

1 7.   The method of claim 6 wherein the first time period is determined by scrolling a

2 frame buffer of the server.

1 8.   A system for adapting a rate of processing activity in response to changing

2 network conditions, the system comprising:

3   a client agent;

4   a network coupled to the client agent, the network conditions being associated

5 with the network;

6   a server agent coupled to the client agent via the network, the server agent

7   processing a first graphical data at a first rate, the processed first graphical data being

8   addressed to the client agent, wherein the server agent adjusts the processing rate from the

9   first rate to a second rate in response to a change in the network conditions.

1   9.   The system of claim 8 wherein a first encoding scheme is used to process the first

2   graphical data at the first rate and a second encoding scheme is used to process a second

3   graphical data at the second rate.

1   10.   A system for adapting a processing activity operating on graphical data in

2   response to changing network conditions, the system comprising:

3   a client agent;

4   a network coupled to the client agent, the network conditions being associated

5   with the network;

6   a server agent coupled to the client agent via the network, the server agent

7   processing a first graphical data using a first encoding technique and a second graphical

8   data using a second encoding technique in response to a change in the network

9   conditions, wherein the server agent transmits the first and second graphical data to the

10   client agent via the network.

1   11.   The system of claim 10 wherein the change in the network conditions is detected

2   from a time differential determined by the client agent.

1   12.   A system for adapting a processing rate of a server in response to a performance

2   mismatch between the server and a client coupled to the server via a network, the system

3   comprising:

4   a client agent, the client agent processing graphical data at a client rate;

5   a server agent coupled to the client agent via a network, the server agent

6   processing the graphical data at a server rate, wherein the server agent adjusts the server

7   rate in response to a difference between the client and server rates.

1   13.   The system of claim 12 wherein the server rate is determined by scrolling a frame

2   buffer of the server.